SOUTHERN BELL TEL. & TEL. CO.

RADIO LOG

KEY 549 CORBIN

REF BSP 400-200-020
400-320-002
400-330-002
400-401-000

LICENSED OPERATORS REGISTER

FORM E-5182
9-78

CALL SIGN(S) KEY 549 LOCATION CORBIN R.R.S.

SIGNATURE AS APPEARS ON OPER'S LICENSE	HOME ADDRESS NO. STREET CITY STATE	LICENSE NO.	CLASS	EXPIRATION DATE
D. W. Thompson	Rt. 3 Box 238 Harrogate, Tenn.	PG-6-25206	General	Life-time
Kenneth R. Lewis	P.O. Box 323 Baxter, Kentucky	PG-18-19753	General	Life-time
John K. Massingill	Rt. 2 Box 68B Middlesboro, Ky.	PG-19-5897	General	Life-time
James T. Spriggs	102 Ellenwood Rd. Middlesboro, Ky.	PG-19-17735	General	Life-time
Karen A. Burchfield	123 Arthur Hts. Middlesboro, Ky.	PG-19-8361	General	Life-time
Gary D. Jackson	Rt. 7 Box 278 Pineville, Ky.	PG-8-9647	General	Life-time

THE LICENSES FOR THE OPERATORS LISTED ABOVE ARE POSTED AT THE MAINTENANCE CENTER LOCATED AT:

ROOM NO. _____ ADDRESS 131 Amesbury Ave. CITY Middlesboro STATE Kentucky

EXCEPT:

NAME	ROOM NO.	ADDRESS	CITY	STATE
Kenneth R. Lewis		516 S. Main St.	Harlan	Ky.

A SEPARATE TRANSMITTER LOG SHEET MUST BE MAINTAINED FOR EACH TRANSMITTER. ENTRIES IN THE TRANSMITTER LOGS MUST BE MADE BY THE LICENSED OPERATOR WHO HAS THE ACTUAL KNOWLEDGE OF THE FACTS. THE LOG MUST BE KEPT IN AN ORDERLY MANNER AND IN SUCH DETAIL THAT THE DATA IS READILY AVAILABLE. NO ENTRY OR PORTION THEREOF SHALL BE ERASED, OBLITERATED OR WILLFULLY DESTROYED WITHIN THE PERIOD OF TIME SPECIFIED IN THE PRACTICE COVERING THE DESTRUCTION OF RECORDS.

IF A CORRECTION IS NECESSARY, IT MAY BE MADE BY THE PERSON ORIGINATING THE ENTRY WHO SHOULD STRIKE OUT THE ERRONEOUS PORTION, INITIAL THE CORRECTION MADE AND INDICATE THE DATE OF CORRECTION.

SUPERSEDED OPERATORS REGISTER FORMS MUST BE MAINTAINED FOR A MINIMUM OF ONE YEAR.

GENERAL INFORMATION

Mackville	MCVL
Alabama	ALA
Bardstown	BRTW
Louisville	LSVL
Danville	DAVL
Springfield	SPFD
Somerset	SMRT
Mitchellsburg	MTBG
Mt. Vernon	MT VR
Corbin	CRBN
Middlesboro	MDBO
Harlan	HRLN
Logmont	LGMT
Bledsoe	BLDS
Birmingham	BHAM
Kentucky	KY
Adjust	ADJ
Alarm	ALM
Alternating Current	AC
Antenna	ANT
Baseband	BB
Capacitor	C
Channel	CH
Company	CO
Control	CONT
Crystall	XTAL
Demodulator	DEMOD
Drawing	DWG
Direct Current	DC
Decible	DB
Decible - Reference to one milliwatt	DBM
Deviation	DEV
All Right	OK
Frequency	FR - FREQ
Ground	GND - GRD
Gigahertz	GHZ - GHz
Jack	JK
Kilocycle	KC
Klystron	KLY
Megacycle	MC - MCS
Megahertz	MHZ - MHz
Milliampere	MA
Modulator	MOD
Microwave	MW
Multiplex	MUX - MX
Modification	MOD
Oscillator	OSC
Power	PWR
Reference	REF
Receiver	RX - RCVR - REC
Street	St.
Switch	SW
Single Frequency	SF
Super Group	SG
Transmitter	XMTR - TR - TX
Wave Guide	WG

FREQUENCY MODULATED TERMINAL TRANSMITTER } FM

TECHNICAL LOG

Form E-3744
(11-74)

BASE STATION TRANSMITTER TECHNICAL LOG

Station Call sign KEY 549 Operating Log Sheet No. 1

Transmitter Location 5th St. Rd. (Vineview Rd) Date 09-05-2000

City Corbin State Kentucky

TRANSMITTER DATA

Make Motorola MSF 5000 Model C84CXB-7106AT/C36CFSP

Serial No. 388CQE0070

Regular ☑ Standby ☐ Test ☐ Signaling ☐

POWER MEASUREMENTS

Line or Plate Voltage _____ Cathode or Plate Current _____

Watts Input _____ Watts Output _____

FREQUENCY MEASUREMENTS

Name and Model Freq. Meter _____ Serial No. _____ Date Last Calibrated _____

Channel Designation	Assigned Freq. (Mhz)	Measured Freq. (Mhz)	Adjusted To Freq. (Mhz)
Channel 5	451.400 MHz		

Ref. 400-200-020

MODULATION MEASUREMENTS

Meter if Different _____ Serial No. _____ Date Last Calibrated _____

Initial Measured Deviation kHz _____ Adjusted to kHz _____

WORK OPERATIONS

Show pertinent details: reason for work performed, units or parts replaced, adjustments, etc. antenna lighting & marking or antenna lighting log as required. See BSP 400-100-003

Trouble ☐
Routine ☑

Powered down transmitter.
No longer on air. Not being used any more.
Removed from service.

Responsible Operator Signature Karen D. Burchfield

Class of License General

Serial No. PG-19-8361

Date of Expiration Lifetime

Form E-3744
(11-74)

BASE STATION TRANSMITTER TECHNICAL LOG

Station Call sign KEY 549 Operating Log Sheet No. 1

Transmitter Location 5th St. Road Date 9-30-93

City Corbin State Kentucky

TRANSMITTER DATA

Make Motorola MSF 5000 Model C84CXB 7106AT/C36CFSP

Serial No. 388CQE0070

Regular ☑ Standby ☐ Test ☐ Signaling ☐

POWER MEASUREMENTS

Line or Plate Voltage _____ Cathode or Plate Current _____

Watts Input _____ Watts Output 190 WATTS

FREQUENCY MEASUREMENTS

Name and Model Freq. Meter Motorola 2600B/US Serial No. 496KRU0074 Date Last Calibrated _____

Channel Designation	Assigned Freq. (Mhz)	Measured Freq. (Mhz)	Adjusted To Freq. (Mhz)
Channel 5	451.400 MHz	451.400 MHz	—

Ref. 400-200-020

MODULATION MEASUREMENTS

Meter if Different: same Serial No. _____ Date Last Calibrated _____

Initial Measured Deviation kHz: 5 KHz Adjusted to kHz _____

WORK OPERATIONS

Show pertinent details: reason for work performed, units or parts replaced, adjustments, etc. antenna lighting & marking or antenna lighting log as required. See BSP 400-100-003

Trouble ☐
Routine ☑

Made Annual measurements

Power 190 watts

Frequency 451.400 mHz

Deviation 5KHz

Responsible Operator Signature: Karen D. Burchfield

Class of License: General

Serial No.: PG-19-8361 Date of Expiration: Lifetime

Form E-3744
(11-74)

BASE STATION TRANSMITTER TECHNICAL LOG

Station Call sign KEY 549 Operating Log Sheet No. 1

Transmitter Location 5th St. Rd. Date 6-25-92

City Corbin State Kentucky

TRANSMITTER DATA

Make MOTOROLA MSF 5000 Model C84CXB-7106AT/C36CFSP

Serial No. 388 CQE 0070

Regular ☑ Standby ☐ Test ☐ Signaling ☐

POWER MEASUREMENTS

Line or Plate Voltage _____ Cathode or Plate Current _____

Watts Input _____ Watts Output 190 WATTS

FREQUENCY MEASUREMENTS

Name and Model Freq. Meter MOTOROLA 2600B/HS Serial No. 496KRA0074 Date Last Calibrated NEW

Channel Designation	Assigned Freq. (Mhz)	Measured Freq. (Mhz)	Adjusted To Freq. (Mhz)
Channel 5	451.400 MHz	451.400 MHz	—

Ref. 400-200-020

MODULATION MEASUREMENTS

Meter if Different: Same Serial No. _____ Date Last Calibrated _____

Initial Measured Deviation kHz: 5 KHz Adjusted to kHz _____

WORK OPERATIONS

Show pertinent details: reason for work performed, units or parts replaced, adjustments, etc. antenna lighting & marking or antenna lighting log as required. See BSP 400-100-003

Trouble ☐
Routine ☐

Initial turn-up of new base
Placed on air at 1530.

Power 190 WATTS.

Frequency 451.400 MHz

Deviation 5 KHz

Responsible Operator Signature: Karen D. Burchfield

Class of License: General

Serial No.: PG-19-8361 Date of Expiration: Lifetime

Form E-3744
(11-74)

BASE STATION TRANSMITTER TECHNICAL LOG

Station Call sign KEY 549 Operating Log Sheet No. 1

Transmitter Location 5th STREET ROAD Date 6-15-92

City CORBIN State KENTUCKY

TRANSMITTER DATA

Make Motorola Model B94MBD-1105AT

Serial No. 276CC 0011

Regular ☑ Standby ☐ Test ☐ Signaling ☐

POWER MEASUREMENTS

Line or Plate Voltage _____ Cathode or Plate Current _____

Watts Input _____ Watts Output _____

FREQUENCY MEASUREMENTS

Name and Model Freq. Meter _____ Serial No. _____ Date Last Calibrated _____

Channel Designation	Assigned Freq. (Mhz)	Measured Freq. (Mhz)	Adjusted To Freq. (Mhz)
Channel 5	451.400 MHz		

Ref. 400-200-020

MODULATION MEASUREMENTS

Meter if Different _____ Serial No. _____ Date Last Calibrated _____

Initial Measured Deviation kHz _____ Adjusted to kHz _____

WORK OPERATIONS

Show pertinent details: reason for work performed, units or parts replaced, adjustments, etc. antenna lighting & marking or antenna lighting log as required. See BSP 400-100-003

Trouble ☑
Routine ☐

6-15-92 11 O/A - Removed from service permanently. Being replaced with Motorola MSF5000.

Responsible Operator Signature _____

Class of License _____

Serial No. _____ Date of Expiration _____

Form E-3744
(11-74)

BASE STATION TRANSMITTER TECHNICAL LOG

Station Call sign KEY 549 Operating Log Sheet No. 1

Transmitter Location 5th Street Road Date 09-06-91

City Corbin, Ky. State Kentucky

TRANSMITTER DATA

Make Motorola Model B94MBD-1105AT

Serial No. 276CCC0011

Regular ☑ Standby ☐ Test ☐ Signaling ☐

POWER MEASUREMENTS

Line or Plate Voltage 1500 Cathode or Plate Current 400

Watts Input 600 Watts Output 160

FREQUENCY MEASUREMENTS

Name and Model Freq. Meter Motorola R-2001D/HS Serial No. 415KLRN101 Date Last Calibrated Unkown

Channel Designation	Assigned Freq. (Mhz)	Measured Freq. (Mhz)	Adjusted To Freq. (Mhz)
Channel 5	451.400 MHZ	451.400 MHZ	—

Ref. 400-200-020

MODULATION MEASUREMENTS

Meter if Different: SAME Serial No. _____ Date Last Calibrated _____

Initial Measured Deviation kHz: 6 KHZ Adjusted to kHz: 5 KHZ

WORK OPERATIONS

Show pertinent details: reason for work performed, units or parts replaced, adjustments, etc. antenna lighting & marking or antenna lighting log as required. See BSP 400-100-003

Trouble ☑
Routine ☐

Replaced antenna and 7/8" Heliax Cable between Radio and Antenna.
Put Back in service.
Deviation 5 KHZ
Freq. 451.400 MHZ
Power 160 watts

Responsible Operator Signature: Gary W. Jackson

Class of License: GENERAL

Serial No.: PG-8-9647 Date of Expiration: LIFETIME